

APG ADVANCED PLANNING BRIEFING TO INDUSTRY

20 April 2021



LEADERSHIP UPDATES



Ms. Carmen Maher
One Network of Excellence–
Regulatory Affairs/Quality
Assurance



Dr. Jason Roos Joint Program Executive Officer



Mr. Dan McCormick
DJPEO – Operations
and Modernization



Mr. Kyle Perkins Deputy JPEO (Acting)



Ms. Emma WilsonAssistant JPEO



COL Sean McMurry
Assistant JPEO –
Medical



Mr. Gordon Graham
Chief of Staff



Ms. Nicole Kilgore

Acting DJPEO – Assisted

Acquisition/Medical

(COVID-19 Response)



Joint Project Managers (JPM)



JPM CBRN Protection
Mr. Scott Paris

Executive Assistant Ms. Tiffany Swidrak



JPM CBRN Sensors
Mr. Chris Seacord

Executive Assistant Ms. Marjorie (Margie) Giles



JPM CBRN Medical COL Ryan Eckmeier

Executive Assistant Ms. Debra Abbott





JPL CBRN Special Operations Forces Mr. Michael Poe

Executive Assistant Ms. Tiffany Dickinson



JPL CBRN IM/IT Mr. Scott White

Executive Assistant
Ms. Jeanette Benton



JPL CBRND Enabling Biotechnologies Mr. Bruce Goodwin (Acting)

Executive Assistant
Ms. Shelley Hilgenberg

ACCOMPLISHMENTS AND HIGHLIGHTS



- Significant Support to COVID-19 Federal Response Operation
 - ACC-APG partnership was key to Assisted Acquisition support success
 - Vaccines, Therapeutics, Diagnostics, PPE, Enabling Capabilities
 - Infographic on JPEO website and social media
- Despite the tremendous challenges COVID-19 posed JPEO-CBRND
 - Fielded over 290,000 products/systems
 - Fielded over 400 chemical and radiological detectors to units across the globe in response to several Operational Needs Statements
 - Accelerated fielding of 9 Analytical Laboratory System-Modification Work Order systems to National Guard Civil Support Teams (CST) between August and October
 - Early fielding of Next Generation Diagnostics System (NGDS) for Full Operation
 Capability (85% of Army's diagnostic capability; 94% of total Joint Diagnostic FOC)
 - Delivered Capability Set 2.0 for Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite Upgrade
 - Procured and delivered Rapid Opioid Countermeasure System (ROCS) 2mg
 naloxone (also known as Narcan®) autoinjector to National Guard Bureau
 - Accelerated fielding of 12 Chemical Biological Aircraft Survivability Barrier (CASB)
 negative pressure transportation systems, protecting critical Special Operations
 aircraft that cost up to \$90 Million dollars each and cannot be decontaminated

FUTURE FOCUS: TRANSFORMATIONAL CAPABILITIES



- The JPEO-CBRND will reset the Joint Force by 2030 by integrating technological advances into a suite of modernized CBRND capabilities that enable warfighter operations and situational understanding unencumbered by a CBRN environment. We will achieve this by:
 - Tracking and understanding the foundational technology that supports our portfolio and building transition pipelines from our science and technology partners in government, industry, and academia
 - Maximally integrating CBRND capabilities into the warfighter's existing environment and platforms
- Specifically, JPEO-CBRND will focus on the following three areas
 - Modernize Biological Defense
 - Integrated Early Warning
 - Unencumber the Warfighter

MODERNIZATION FOCUS AREAS AND NEW STARTS



Modernize Biological Defense

- Countering Emerging Threats Rapid Acquisition and Investigation of Drugs for Repurposing (CET RAIDR) (FY22)
- Biological Defense Innovation Program (BDIP) (FY23)
- Plague Monoclonal Antibodies (PLG MAB) (FY24)
- Antiviral Oral Therapeutics Program (AVO TX) (FY25)

Integrated Early Warning

CBRN Support to Command & Control (CSC2) (FY22)

Unencumber the Warfighter

- Modernize the Mask
 - Ground Mask MWO (FY24)
 - Advanced System for Protection & Integrated Reduction of Encumbrances (ASPIRE) (FY25)
- Hazard Mitigation
 - CBRN Covers Coatings and Protective Overlays (C3PO) (FY21)
 - Service Equipment Decontamination System (SEDS) (FY21)
 - Wide Area Decontamination System (WADS) (FY22)
 - Tactical Contamination Mitigation System (TCMS) (FY22)
 - Next Generation Personnel Decontamination (NGPDC) (FY25)

JE-CLaSS Follow-on Multiple Award IDIQ

- 4-year Base with 4-year Option, plus 3 years to complete orders
- Projected Award: January 2022
- Available to the CBRND Enterprise for use, including TACOM